MODEL NO. MFB28-2

INSTRUCTIONS FOR USE

Natural flame effect
Constant temperature
Ventilator control switch
Energy-saving
Easy to use
Elegant design
Plug connected
120V~ 60Hz 1400W

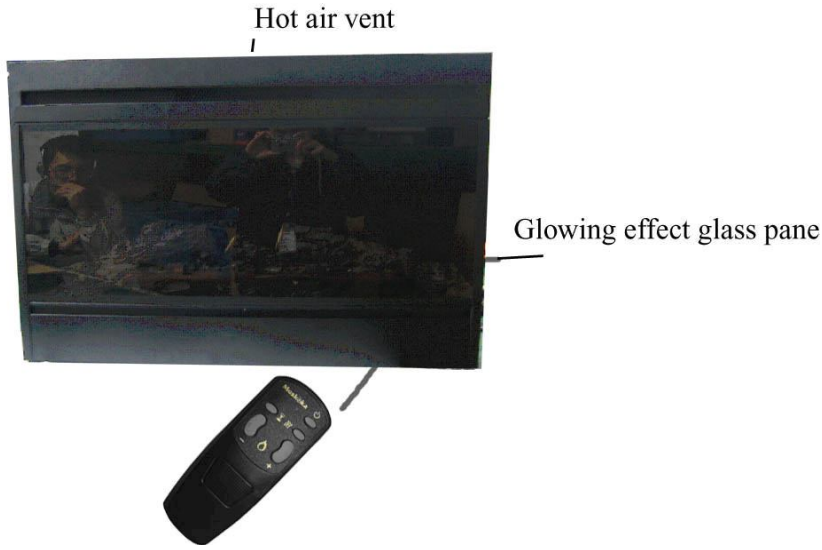
IMPORTANT INSTRUCTIONS

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least three feet (0.9m) from the front of the heater and keep them away from the sides and rear.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use.
5. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
6. Do not use outdoors.
7. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bath but or other water container.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or the like. Arrange cord away from traffic area and where it will not tripped over.
9. To disconnect heater, turn controls to off, then remove plug from outlet.
10. Connect to properly grounded outlets only. (This item may be omitted if the heater is not provided with a grounding type attachment plug.)
11. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
12. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on be soft surfaces, like a bed, where openings may become blocked.
13. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
14. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
15. Avoid the use of an extension cord because the extension cord may overheat

and cause a risk of fire.

16. This heater may include an audible (a visual) alarm to warm that parts of the heater are getting excessively hot, if the alarm sounds (flashes), immediately turn the heater off and inspect for any objects on or adjacent to the heater that may cause high temperatures. DO NOT OPERATE THE HEATER WITH THE ALARM SOUNDING (FLASHING)
17. SAVE THESE INSTRUCTIONS

How to operate:



Special characteristics of this heater

a. The smouldering glow of the flames can hardly be distinguished from that of a real fireplace. This heater is deal for use outside the cold season, when the central heating is switched off.
b. Produces the effect of a hot current of air.

MANUAL CONTROLS:

The function controls located behind the bottom access panel

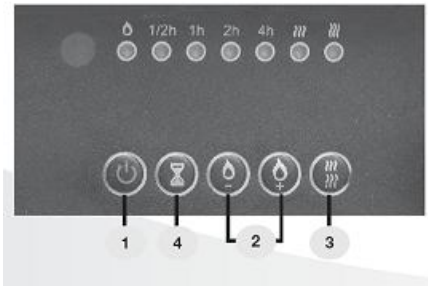
Before using remote control or touch pad operation, please confirm the master switch on “ON” position.

You have the following controls

All of the firebox control functions can be accessed in 2 ways:

1. USING THE REMOTE CONTROL:

1. **ON/OFF:** (The master power switch must be "on") Press the "on/off" button on the remote control, the flame effect (only) will turn on. To turn the firebox "off" press the "on/off" button again.
   (NOTE: The "on/off" button on the remote control does "not" control the master power "on/off" switch)
2. **FLAME EFFECT:** Press the flame "+" or flame "–" button to achieve the desired effect. (no heat)
3. **HEATING:** Press the heat button "once" for "low" and/or "twice" for "high" to achieve the desired level. (NOTE: the flame effect is always active when the heating cycle is operational) Press the button a "third" time turns the heating cycle off.
4. **HEATER TIMER:** Allows you to leave your heater on while you sleep with a delayed automatic timer for shut off. You can set your heater to be on for ½ hour increments starting at ½ hour up to a maximum of 7-1/2 hours – press the timer button once for each ½ hour increment. The red indicator light above the time selected will illuminate to confirm the selection made. After you reach 7-1/2 hours, the next press of the button will shut off the timer feature.



2. USING THE MANUAL CONTROLS LOCATED ON THE FIREBOX BEHIND THE LOWER FRONT ACCESS PANEL.

1. **ON/OFF:** (The master power switch must be "on") Press the "on/off" button on the firebox, the flame effect (only) will turn on. To turn the firebox "off" press the "on/off" button again. (NOTE: The "on/off" button on the firebox does "not" control the master power "on/off" switch)
2. **FLAME EFFECT:** Press the flame "+" or flame "–" button to achieve the desired effect. (no heat)
3. **HEATING:** (See details above under Remote Control)
4. **HEATER TIMER:** (See details above under Remote Control)

Unpacking and installing the appliance

Open the packaging carefully and remove the appliance. Keep the original packaging for future transport.

Keep the front of the appliance through which the heat is radiated at least one meter away from furniture, curtains and other flammable objects at all times.

Ensure there is a grounded socket nearby. (back of the appliance).

Never use an extension lead. The mains cable must remain at the back of the appliance and must not be in contact with any hot elements.

Safety instructions

Only use the appliance in accordance with the instructions in this manual! It

cannot be used for any other purpose. Any damage due to inappropriate operation, wrongful use or not observing the safety instructions is not covered by the guarantee.
Please operate the heater after inserting it into the mantle.
Never operate the appliance when the appliance itself or the mains cable show any signs of damage.
Be responsible when handling the packing material.
Warning: plastic wrapping may be lethal to children.
Do not place the appliance below a socket.
Never operate the heater on a program switch, timer switch or any other appliance for automatic operation.
The heater is only suitable for indoor use.
Never use the appliance near the bath, shower or a swimming pool.
Never place flammable objects or clothing on top of the heater.
Do not cover the heater.
Never leave children unattended near the appliance.
In case of malfunction, disconnect the plug immediately.
When not in use for a considerable amount of time, unplug the appliance.
Repairs such as replacing a bulb should only be performed by an approved electrotechnician.
Components should only be serviced by an approved electrotechnician.

Cleaning the exterior of the appliance
Before cleaning the appliance, disconnect it from the socket and leave to cool off. You can clean the exterior of the heater with a soft, damp cloth. Do not use cleaning or polishing products.

Manufacture's guarantee
There is an ex fabrica guarantee of one year. During this period, faulty components will be repaired or replaced free of charge, if the fault is due to a manufacturing defect.
In this case, consult the retailer where you have purchased the appliance.
(Below some more instructions for the approved electrotechnician who carries out maintenance or repairs to your heater):

Instructions for the approved electrotechnician

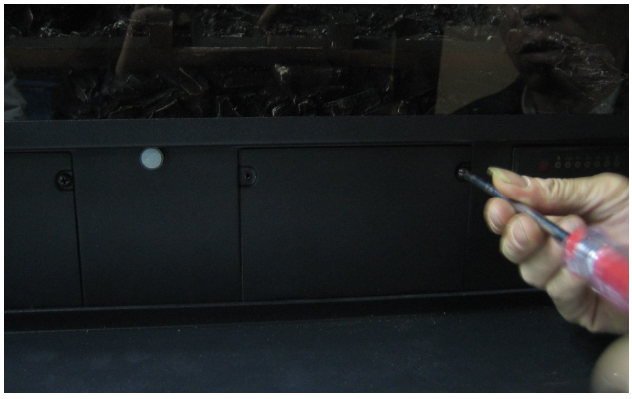
The appliance comes with the following light bulbs:

two 40W light bulbs(max. 40W)

Changing the bulbs

Warning: unplug first! The plug must be removed from the socket-outlet before changing

1. open the front access panel



2. screws out the two small panels(there are two crews each panel)

3. change the bulbs

CAUTION: sharp edges!

You can now replace faulty bulbs by identical ones with the same wattage.

For assembly, proceed in reverse order.

1. After installation, the power plug should be accessible.
2. if the power cord is damaged. It must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
3. the heater must be located immediately below a socket.
4. the appliance is not intended for use by young children or infirm persons. Young children should be supervised to ensure that they do not play with the appliance.
5. do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
6. in order to avoid overheating, do not cover the heater.

USER INSTRUCTIONS

1. Instructions and cautionary statements for cleaning, user-maintenance, operations recommended by the manufacturer, such as lubrication or nonlubrication, and a warning to the user that any other serving should be performed by an authorized service representative.
2. any heater employing a manually reset control shall be provided with instructions to the user regarding its operation.
3. specific instructions for the proper method of cord storage, total heater storage, and the like when the heater is not in use.

Grounding instructions

This heater is for use on 120 volts. The cord has a plug as shown in Figure A.

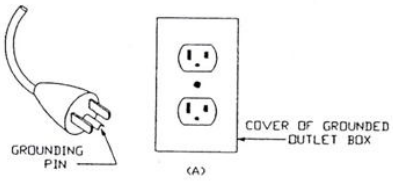
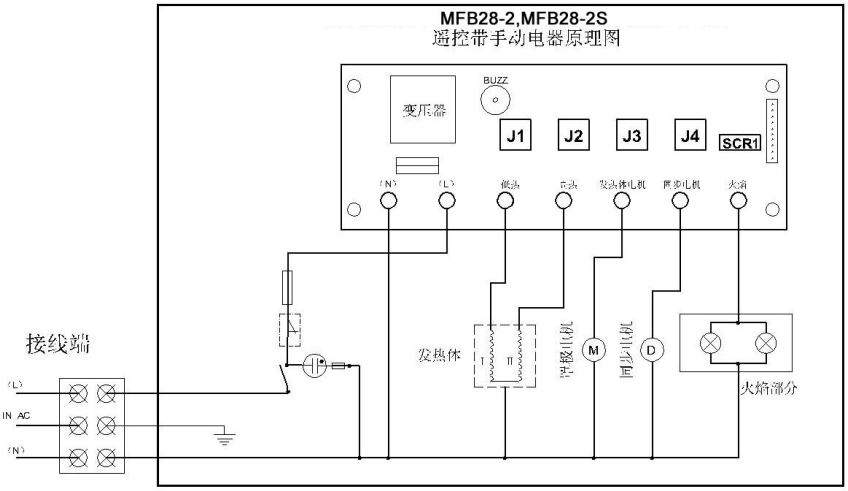


Figure A

Technical data:
Mains voltage: 120V
Mains frequency: 60Hz
Nominal charge: max. 1400W

ELECTRICAL DIAGRAM


MFB28-2,MFB28-2S
遥控带手动电器原理图
变压器
BUZZ
J1
J2
J3
J4
SCR1
(N)
(L)
低压
发热体电机
置步电机
火焰
接线端
(L)
IN AC
(N)
发热体
I
II
M
D
火焰部分